



Safety Data Sheet

Report Date 18-Oct-16

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1. Identification

Product Name : MITE-E-OIL INSECTICIDE-MITICIDE/SPRAY
Synonyms : None
Product Use : Insecticide-Miticide/Spray
Manufacturer/Supplier : Helena Chemical Company
Address : 225 Schilling Blvd. Collierville, TN 38017
General Information : 901-761-0050
Transportation Emergency Number : CHEMTREC:800-424-9300

2. Hazard Identification



Signal Word : Danger
Skin Irritation : Causes skin irritation
Eye Irritation : Causes eye irritation
Acute Toxicity Oral : No LD50 available
Acute Toxicity Dermal : No LD50 available

Hazard Categories : Oral/Dermal/Inhalation Toxicity-5/5/5; Eye/Skin Irritation-2B/2; Aspiration Hazard-1

Hazard Statement : May be harmful if swallowed
May be harmful in contact with skin
May be harmful if inhaled
Causes eye irritation
Causes skin irritation
May be fatal if swallowed and enters airways

3. Composition / Information on Ingredients

Component	CAS Number	Weight %
Mineral Oil (contains petroleum distillates) - Derived from severely solvent refined light paraffinic petroleum oil and polyoxythylated polyol fatty acid esters.	Proprietary	90.00
Inert ingredients	Proprietary	10.00

4. First Aid Measures

Eye : Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after the first 5 minutes then continue rinsing eye. Call a poison control center or doctor for treatment advice.

Skin : Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 to 20 minutes. Call a poison control center or doctor for treatment advice.

Inhalation : Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

Ingestion : Call a poison control center or doctor immediately for treatment advice. Do not induce vomiting. Aspiration Hazard. Do not give any liquid to the person. Do not give anything by mouth if unconscious or convulsing.



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Indication of Immediate Medical Attention and Special Treatment Needed : Treat symptomatically. This product contains petroleum distillates and may pose an aspiration pneumonia hazard. Do not induce vomiting.

5. Fire Fighting Measures

Extinguishing Media : Use water fog, foam, dry chemical or carbon dioxide extinguishing agents. Do not use straight streams of water.

Specific Hazards Arising from the Chemical : May emit smoke, fumes, carbon monoxide and aldehydes under fire conditions.

Special Fire Fight Proc : Wear self-contained breathing apparatus and full protective clothing.

6. Accidental Release Measures

Personal Precautions : Remove sources of ignition. Keep unprotected and unnecessary personnel out of spill area.

Protective Equipment : Splashproof goggles or face shield, impervious gloves, impervious apron and footwear. Respiratory protection not normally needed. Eyewash and emergency shower should be available in work area.

Emergency Procedures : Do not allow spills to enter drains or watercourses.

Methods and Materials for Containment and Cleanup : Stop leak if you can do so without risk. Recover by pumping or with suitable absorbent. If spilled to water, confine the spill immediately with booms. Remove from the surface of water by skimming or with suitable absorbents.

7. Handling and Storage

Precautions for Safe Handling : Prevent small spills and leakage to avoid creating a slip hazard.

Conditions for Safe Storage : Store in original container only. Keep container well sealed.

8. Exposure Controls / Personal Protection

TLV/PEL : Mineral Oil PEL=5 mg/m³ (mist); Mineral Oil TLV=5 mg/m³ (inhalable fraction)

Appropriate Engineering Controls : Local exhaust should be sufficient.

Personal Protective Equipment : Splashproof goggles or face shield, impervious gloves, impervious apron and footwear. Respiratory protection not normally needed. Eyewash and emergency shower should be available in work area.

9. Physical and Chemical Properties

Odor/Appearance : Clear amber liquid; no odor described.

Flash Point, °F : >300 Degrees F.

Boiling Point, °F : >200 Degrees C.

Melting Point(Freezing point), °C : No information found

Vapor Pressure, mm Hg @ 20 °C : 0.08 mm/Hg @20 Deg. C.

Vapor Density : 8+ (air=1)

Solubility in Water : Insoluble

Molecular Formula : Not applicable, formulated mixture.

Density, g/mL @ 25 °C : 0.850-0.870

Evaporation Rate(Butyl Acetate = 1) : 1000X slower

Octanol/Water Partition Coefficient : No information found



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pH : 4.5-6.5 (5%)
Flammable Limits (approximate volume % in air) : No information found
Auto-ignition Temperature : No information found
Decomposition temperature : No information found

10. Stability and Reactivity

Reactivity : No information found
Chemical Stability : Stable
Hazardous Decomposition Products : Will produce carbon monoxide and asphyxiants under combustion.
Hazardous Polymerization : Will not occur
Conditions to Avoid : Excessive heat and incompatibles.
Incompatible Materials : Strong oxidizers.

11. Toxicological Information

Acute Toxicity (Oral LD50) : No LD50 available. May be harmful if swallowed.
Acute Toxicity (Dermal LD50) : No LD50 available. May be harmful in contact with skin.
Acute Toxicity Inhalation LC50 : >2.03 mg/L/4 hour (exposure to mists). May be harmful if inhaled. Aspiration Hazard.
Likely Routes of Exposure : Oral, Dermal, Inhalation
Skin Irritation : Causes skin irritation.
Eye Irritation : Causes eye irritation.
Skin Sensitization : Not a contact sensitizer.
Carcinogenic : No component present at levels >0.1% identified as carcinogen by ACGIH, IARC, NTP or OSHA.
Chronic Effects : None currently known.
Other Hazards : Aspiration Hazard: May be fatal if swallowed and enters airways.

12. Ecological Information

Ecotoxicity : No information found
Persistence and Degradability : No information found
Bioaccumulative Potential : No information found
Mobility in Soil : No information found
Other Adverse Effects : No information found

13. Disposal Considerations

Waste Disposal Method : This material must be disposed of according to Federal, State or Local procedures under the Resource Conservation and Recovery Act.

14. Transport Information

UN Proper Shipping Name : Not regulated by DOT, IATA or IMDG.
Transport Hazard Class : None
UN Identification Number : None
Packaging Group : None
Environmental Hazards : No information found



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Transport in Bulk : No information found
Special Precautions for Transportation : No information found
Freight Classification : Pesticides, NOI, Insecticides, Other than Poison (NMFC Item 155050, Sub 11, Class 70)

15. Regulatory Information

National Fire Protection Association Rating :

Health: 2 Fire: 1 Reactivity: 0
Rating Level: (4-Extreme, 3-High, 2-Moderate, 1-Slight, 0-Minimum)

S.A.R.A Title III Hazard Classification (Yes/No) :

Immediate(Acute) Health: Y
Delayed (Chronic) Health: N
Sudden Release of Pressure: N
Fire: N
Reactive: N

FIFRA Information : This Chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labelling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label:

EPA Registration Number : 5905-302
FIFRA Signal Word : Caution
FIFRA Label Statement : Keep out of reach of children.
FIFRA Label Statement : Harmful if absorbed through skin.
FIFRA Label Statement : Avoid contact with eyes, skin, or clothing.
FIFRA Label Statement : Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.
FIFRA Label Statement : No additional label statements.
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FIFRA Label Statement : No additional label statements.

16. Other Information

Data of Preparation/Revision : 18-October-2016